

Claims

1. A data unit for storage of image or audio data so that an image or an audio presentation can be represented by representation means based on said data, the data unit comprising information regarding adjustments that have been made to said image or audio representation after said data was input in the data unit.
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- 10 2. A data unit as claimed in claim 1, comprising at least two fields such that said information is stored in a field that is separate from a field in which said data is stored.
- 15 3. A data unit as claimed in claim 2, wherein said separate field comprises a comment field.
4. A data unit as claimed in claim 1 being adapted to provide the representation means with information regarding changes that are to be made to the image or the audio presentation before representation thereof.
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5. A data unit as claimed in claim 1, wherein the data unit comprises compressed data.
- 25 6. A data unit as claimed in claim 1, wherein the data unit comprises an image data field.
7. A data unit as claimed in claim 1, wherein the image data is stored in a lossy format.
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8. A data unit as claimed in claim 7, wherein the image data field comprises a JPEG file or similar.

9. A data unit as claimed in claim 6, wherein the
adjustments relate to one or more of the following
adjustments: brightness of the image; contrast of the image;
5 white balance of the image; gamma correction of the image;
boundaries of the image; sharpening of the image; quality of
the image.

10. A display device, comprising:

10 a display means;
a storage means for storing image data associated with an
image, said image data being included in an image data unit;
and
a processor means for processing image data adapted to
15 process image data based on information also included in said
image data unit, said information being indicative of changes
to be made to the image data before the image is displayed on
the display means.

20 11. A display device as claimed in claim 10, wherein the
processor means is adapted to change at least one of the
following features of the image based on said information
included in the data unit: brightness of the image; contrast
of the image; white balance of the image; gamma correction of
25 the image; boundaries of the image; sharpening of the image;
quality of the image.

30 12. A display device as claimed in claim 10, wherein the
arrangement is such that the changes in the image to be
displayed do not affect the image data stored in the data
unit.

13. A display device as claimed in claim 10, wherein the processor means is adapted to modify the image based on information included in a comment field of the data unit.

5 14. A display device as claimed in claim 10, wherein the processor means is adapted to change said information indicative of the changes in the image.

10 15. A display device as claimed in claim 10, comprising a portable device.

16. A display device as claimed in claim 10, comprising a mobile station.

15 17. A display device as claimed in claim 10, comprising a digital camera.

18. A method of displaying an image, comprising:
storing image data associated with the image in a data
20 storage means;
storing information indicative of modifications made to
the image in the data storage means so that said information
can be fetched when the image is to be displayed by a display
device;
25 modifying the image based on said information; and
displaying the modified version of the image.

19. A method as claimed in claim 18, wherein said image data
is stored in a compressed form in an image data field of an
30 image data storage unit and said information indicative of
modifications is stored in another field of the image data
storage unit.

20. A method as claimed in claim 19, wherein said other field comprises a comment field.

5 21. A method as claimed in claim 19, wherein the image data is stored in a lossy format.

22. A method as claimed in claim 18, wherein the modification comprises modification of at least one of the following
10 features of the image: brightness of the image; contrast of the image; white balance of the image; gamma correction of the image; boundaries of the image; sharpening of the image; quality of the image.

15 23. A method as claimed in claim 18, wherein the most recent information indicative of the modifications of the image is stored while the image data remains substantially unchanged after the image has been modified.

20 24. A method as claimed in claim 18, comprising the steps of:
dividing the image area into a plurality image blocks
before the step of storing the image data;
compressing the image data in each of the image blocks
separately;

25 storing the compressed image blocks in the data storage means;

selecting at least one of the image data blocks to be fetched from the data storage means based on said information indicative of the modifications;

30 fetching said selected at least one image data block from the data storage means;

decompressing said at least one fetched image data block;
and

displaying the content of the decompressed at least one
image data block.

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25. A method as claimed in claim 24, wherein the selection of
the image data blocks is accomplished to adjust the size of
the image area to be displayed.

10 26. A method as claimed in claim 18, wherein the image is one
of a plurality of images that are displayed in succession.

27. A method as claimed in claim 26, wherein each image of
said plurality of images is provided with information
15 indicative of modifications made to said image.

28. A method as claimed in claim 26, wherein at least one
image of said plurality of images is provided with information
indicative of modifications made to said image, and wherein at
20 least one other image of the said plurality of images is
modified based on said information.

29. A method as claimed in claim 18, wherein the image is
displayed on a screen of a portable display device.

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30. A method as claimed in claim 29, wherein the image data
is transmitted to the display device over a wireless
interface.